



Bayou Sale Shoreline Protection (TV-20)

Project Status

Approved Date: 2004 **Project Area:** 370 acres
Approved Funds: \$2.3 M **Total Est. Cost:** \$32.1 M
Net Benefit After 20 Years: 329 acres
Status: Engineering and Design
Project Type: Shoreline Protection

Location

The project is located along the eastern shoreline of East Cote Blanche Bay, from British-American Canal to the mouth of Bayou Sale, in St. Mary Parish, Louisiana.

Problems

Shoreline erosion at an estimated rate of 13.5 feet per year is being caused by the open water fetch and resulting wave energy from East Cote Blanche Bay. The retreating shoreline has resulted in a substantial loss of live oak forest, emergent wetlands, and critical habitat used by a multitude of fish and wildlife species, including the endangered Louisiana black bear.

Restoration Strategy

The goal of this project is to reduce or, if possible, reverse shoreline erosion and create marsh between the breakwater and existing shoreline. Project plans include construction of 35,776 linear feet of foreshore rock dike parallel to and approximately 150 feet out from the existing eastern shoreline of East Cote Blanche Bay. The rock dike will be tied into the banks of all substantial channels. Smaller channels and sloughs will have provisions for adequate drainage and aquatic organism access via openings through the dredge material and gaps in the dike. It is anticipated that approximately 123 acres of marsh will be created with the fill material from the dredging of an access channel to accommodate construction equipment.

Progress to Date

The Louisiana Coastal Wetlands Conservation and Restoration Task Force approved the engineering and design phase of this project in January 2004.

This project is on Priority Project List 13.



A foreshore rock dike, such as the one shown above, will provide protection to the eastern shoreline of East Cote Blanche Bay.



Brown pelicans are using this rock dike located in Lafourche Parish.

For more project information, please contact:



Federal Sponsor:
 Natural Resources Conservation Service
 Alexandria, LA
 (318) 473-7756



Local Sponsor:
 Louisiana Department of Natural Resources
 Baton Rouge, LA
 (225) 342-7308



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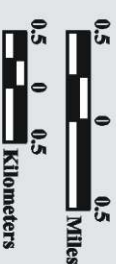


Shoreline Protection*



Project Boundary

*denotes proposed features



Map Produced By:
 U.S. Department of the Interior
 U.S. Geological Survey
 National Wetlands Research Center
 Coastal Restoration Field Station
 Background Imagery:
 2002 Panfusion TM Imagery
 Map Date: January 30, 2004
 Map ID: USGS-NWRC 2004-11-0141
 Data accurate as of: July 22, 2004